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PHYSICOMATHEMATICAL SCIENCES

For the Degree of Doctor in Sciences

KIM, Ye. I. -- "On One Class of Singular Integral Equations and Certain Problems of Heat Conductivity for Homogeneous Granular Media." Mathematical Inst imeni V. A. Steklov. Acad Sci USSR. Moscow, 1956.

For the Degree of Candidate in Sciences

ARBUZOVA (BIL'DZYUKEVICH), I. A. -- "The Force of Coercion and the Fine Crystalline Structure of Alloys Based on Iron." Acad Sci Ukrainian SSR. Inst of Metallophysics. Kiev, 1956.

YEZERSKIY, V. I. -- "The Photographic Photometry of Venus." Min Higher Education Ukrainian SSR. Khar'kov Order of Labor Red Banner State U imeni A. M. Gor'kiy. Khar'kov, 1956.

YELOVSKIY, M. P. -- "The Angular Distribution of the Intensity of Thermal Radiation of the Atmosphere and Some Applications." Leningrad Order of Lenin State U imeni A. A. Zhdanov. Leningrad, 1956.

LIPATOVA, F. A. -- "Nomographing the Equations of Three Variables by the Method of Their Equalized Points with Identical Transformation of the Left-Hand Side of the Equations into the Maseau Determinant." Min Education RSFSR. Moscow Oblast Pedagogical Inst. Moscow, 1956.

OKUN', L. B. -- "Some Problems in the Theory of Heavy Mesons and Hyperons." Acad Sci USSR. Moscow, 1956.

PACHES, Ya. -- "Investigation of Electrical and Magnetic Properties of Nickel and Nickel Alloys in the Curie Temperature Range." Moscow State U imeni M. V. Lomonosov. Moscow, 1956.

RODE, V. Ye. -- "The Kinetics of Superstructure Transformations of the Fe<sub>3</sub>Al Alloy." Moscow State U imeni M. V. Lomonosov. Moscow, 1956.

SANDAKOVA, Ye. V. -- "The Determination of Color Indexes of Small Planets." Min Higher Education Ukrainian SSR. Khar'kov Order of Labor Red Banner State U imeni A. M. Gor'kiy. Kiev, 1956.

SANDOMIRSKIY, V. B. -- "The Effect of Chemical Adsorption on the Electrical Conductivity and Operating Output of a Semiconductor." Acad Sci USSR. Inst of Physical Chemistry. Moscow, 1956.

CHEMICAL SCIENCES

For the Degree of Doctor in Sciences

MARININA, V. T. -- "Investigation of the Phenomenon of the Adhesion of Glass to the Surfaces of Solid Bodies." Acad Sci USSR. Inst of

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Physical Chemistry. All-Union Sci Res Inst of Glass. Min Construction Materials Industry USSR. Moscow, 1956.

For the Degree of Candidate in Sciences

KOCHETKOVA, L. I. -- "On Vapor-Phase Protection of Iron from Atmospheric Corrosion by Methanolamine and Several Layers of It." Moscow State Pedagogical Inst imeni V. I. Lenin. Moscow, 1956.

OSTROVERKHOV, V. G. -- "The Kinetics and Mechanism of the Reactions of Nucleophilic Attraction in Terms of Carbon-Carbon Multiple Bonds." Acad Sci Ukrainian SSR. Inst of Organic Chemistry. Kiev, 1956.

TILE, V. K. -- "The Problem of Methods of Determining the Degree of Swelling of Gels (Comparative Investigation of Volumetric and Gravimetric Methods of Determining the Degree of Swelling)." Moscow State Pedagogical Inst imeni V. I. Lenin. Moscow, 1956.

GEOGRAPHICAL SCIENCES

For the Degree of Doctor in Sciences

STUPISHIN, A. V. -- "Karst of the Central Volga Region (Results of the Geographical Analysis of Karst Outcroppings of the Plains Type)." Min Higher Education USSR. Moscow Order of Lenin and Order of Labor Red Banner State U imeni M. V. Lomonosov. Moscow, 1956.

GEOLOGICOMINERALOGICAL SCIENCES

For the Degree of Candidate in Sciences

DUBATOLOV, V. N. -- "Devonian Tabulates of the Kuznetsk Basin and Their Stratigraphic Significance." Leningrad Order of Lenin State U imeni A. A. Zhdanov. Leningrad, 1956.

ZARITSKIY, P. V. -- "Concretion in Coals and Intrusive Rocks of the Middle Carbonaceous in the Western Portion of the Donets Basin." Min Higher Education Ukrainian SSR. Khar'kov Order of Labor Red Banner State U imeni A. M. Gor'kiy. Khar'kov, 1956.

SHEVKUNOV, Ye. N. -- "Microelectric Methods of Investigating the Geological Profiles of Oil Wells." Moscow Order of Labor Red Banner Petroleum Inst imeni Academician I. M. Gubkin. Chair of Industrial Geophysics. Moscow, 1956.

BIOLOGICAL SCIENCES

For the Degree of Doctor in Sciences

KLIMENKO, V. G. -- "Forms of Nitrogen in Grain and Proteins of Bean Seeds." Min Higher Education USSR. Kiev State U imeni T. G. Shevchenko. Kiev, 1956.

PAPALASHVILI, G. M. -- "Biological Aspects of Silkworms and Some Laws of Their Formation." Tbilisi State U imeni Stalin. Tbilisi, 1956.

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PERESYPKIN, V. F. -- "Bacteriosis of the Roots of Winter Rape." Khar'kov Order of Labor Red Banner Agricultural Inst imeni V. V. Dokuchayev. Khar'kov, 1956.

For the Degree of Candidate in Sciences

AVVAKUMOVA, Ye. N. -- "Procedures for Increasing the Effectiveness of Nitrogenation of Peas and Clover." Moscow State U imeni M. V. Lomonosov. Soil Biology Faculty. Moscow, 1956.

VOLKOVA, M. S. -- "The Effect of Radiation on Solutions of Proteins and Proteides." Acad Sci USSR. Inst of Biochemistry imeni A. N. Bakh. Moscow, 1956.

GOTOVTSEV, M. A. -- "Some Problems in the Biology of Winter Wheat When Sown in the Spring together with Vetch-Oats Mixture." Moscow Order of Lenin and Order of Labor Red Banner State U imeni M. V. Lomonosov. Moscow, 1956.

ZOLOTARENKO, G. S. -- "Harmful Insects of the Principal Timber Strains of the Forest Protective Belts of Kulunda." Tomsk State U imeni V. V. Kuybyshev. Novosibirsk, 1955.

KANDYBA, S. G. -- "The Tuberculinogenic Properties of Freshly Isolated Strains of Tuberculosis Bacteria, Their Biological Properties, and Some Aspects of Their Nitrogen Metabolism." Min Higher Education USSR. Khar'kov Veterinary Inst. Khar'kov, 1956.

KOVIN'KO, D. A. -- "Changes in Certain Blood Indexes in the Hybridization of Camels between Genera and between Species." Acad Sci Kazakh SSR. Inst of Experimental Biology. Laboratory of Interspecific Hybridization. Alma-Ata, 1956.

MINDEROVA, Ye. V. -- "The Ragweed Group (Senecioneae Cass.) of the Compositae Family in the Ukrainian SSR." Acad Sci Ukrainian SSR. Inst of Botany. Kiev, 1956.

PAVLIKHINA, L. V. -- "On the Transformation of Procollagen into Collagen." Acad Med Sci USSR. Inst of Biological and Medical Chemistry. Moscow, 1956.

PASHKOVA, A. G. -- "The Effect of Sports on the Mobility of the Foot, and the Arch." State Central Order of Lenin Inst of Physical Culture imeni I. V. Stalin. Moscow, 1956.

PRIYEZZHEVA, L. S. -- "The Honeybee and the Causative Agent of 'European Rot' -- Bacterium pluton (Experiments on the Immunity of Embryos)." Leningrad Order of Lenin State U imeni A. A. Zhdanov. Leningrad, 1956.

RODIONOVA, A. S. -- "The Geobotanical Foundations of the Rational Use and Improvement of the Natural Fodder Base of the 'Leninskiy put' Kolkhov, Oredezh Region, Leningrad Oblast." Leningrad Order of Lenin State U imeni A. A. Zhdanov. Leningrad, 1956.

SEVERINA, I. S. -- "Investigation of the Formation of Serum Albumin in the Surviving Liver Tissue of Chicks under Normal Conditions and under Certain Influences Changing the Conditions of Protein Metabolism." Acad Med Sci USSR. Inst of Biological and Medical Chemistry. Moscow, 1956.

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SEMENIKHINA, A. D. -- "The Effect of DDT and Hexachlorane on Ticks -- *Alectoribius tholozani papillipes* (Birula) -- the Carriers of Spirochetosis." Published by SAGU. Min Higher Education USSR. Central Asia State U imeni V. I. Lenin. Tashkent, 1955.

STEPANYAN, E. D. -- "On the Physiological Characteristics of the Effect of the Dorogov Antiseptic Stimulator ('ASD') on the Stomach Functions of the Dog and the Sheep." Sci Res Veterinary Inst, Min Agriculture Armenian SSR. Yerevan, 1955.

#### TECHNICAL SCIENCES

##### For the Degree of Doctor in Sciences

VLADZIYEVSKIY, A. P. -- "Problems in the Theory of Automatic Lines." TsBTI. Acad Sci USSR. Inst of Machine Science. Moscow, 1956.

SHATALOV, K. T. -- "Induced Oscillations of Complex Discrete Linear Systems." Acad Sci USSR. Inst of Machine Science. Moscow, 1955.

##### For the Degree of Candidate in Sciences

AMATUNI, N. L. -- "Measurement of Mutual Inductance at Low Frequency for Metrological Purposes." Commission on Standards, Measures, and Measuring Instruments, Council of Ministers USSR. All-Union Sci Res Inst of Metrology imeni D. I. Mendeleev. Leningrad, 1956.

BYCHKOV, A. I. -- "The Starting of Asynchronous Motors from Low-Capacity Agricultural Hydroelectric Power Stations." Min Higher Education USSR. Leningrad Electrical Engineering Inst imeni V. I. Ul'yanov (Lenin). Leningrad, 1956.

VATSIYETIS, A.R. -- "The Strength of Dies in Presses of Modern Design." Latvian State U. Riga, 1956.

GOVOROVA, R. P. -- "Obtaining Motor Fuels from the Semicoke Tar of Ukrainian Brown Coal, and a Study of Its Gasoline Fraction." Acad Sci Ukrainian SSR. Inst of Heat Power Engineering. Kiev, 1955.

ZALIZNYAK, A. A. -- "Investigation of the Regeneration of Borate Vapors in Glass Furnaces in order to Perfect the Technology of Melting Borosilicate Glass." Min Construction Materials Industry USSR. Technical Administration. All-Union Sci Res Inst of Glass. Moscow, 1956.

KAZANTSEV, N. N. -- "Investigation of the Operation of a Hammer Crusher in Producing Combined Fodder." Min Higher Education USSR. Moscow Technological Inst of the Food Industry. Moscow, 1956.

KESSEL'MAN, M. Sh. -- "Investigation of Conditions Providing for Increased Effectiveness of the Process of Drawing Sheet Metal." Min Higher Education Ukrainian SSR. Khar'kov Polytechnic Inst imeni V. I. Lenin. Khar'kov, 1956.

KUZIN, N. P. -- "Investigation of the Process of Cutting Optical Glass on a Lathe." Leningrad Inst of Precision Mechanics and Optics. Leningrad, 1956.

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- MIKHAYLOVSKIY, L. K. -- "Investigation of Ferrites at a Frequency of Around 10,000 Megacycles with Transverse Magnetization." Min Higher Education USSR. Moscow Order of Lenin Power Engineering Inst imeni V. M. Molotov. Chair of the Theoretical Principles of Radio Engineering. Moscow, 1956.
- NADEL'MAN, L. I. -- "A Comparison of the Aerodynamic Characteristics of Flat Immovable Gratings with the Characteristics of Cross-Sections of Rotor Blades of an Axial Compressor, Based on Experimental Data." Min Heavy Machine Building USSR. Central Sci Res Boiler and Turbine Inst imeni I. I. Polzunov. Leningrad, 1956.
- NOVIKOV, Yu. F. -- "Development, Investigation, and Calculation of the Rational Technology of Cutting Thick-Stemmed Crops and of the Cutting Equipment for Harvesting Them." Joint Academic Council, All-Union Sci Res Inst of the Mechanization of Agriculture (VIM), and All-Union Sci Res Inst of the Electrification of Agriculture (VIESKh). Moscow, 1956.
- PAVLOV, G. D. -- "The Use of the Static Theory of Precipitation of a Suspension in a Turbulent Stream for the Hydraulic Calculation of Radial Sedimentation Tanks." Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Chair of Water Supplies. Moscow, 1956.
- RODIONOV, Ya. G. -- "The Development and Investigation of an FM Receiver with Controllable Resonance Frequency." Min Higher Education. Gor'kiy Polytechnic Inst imeni A. A. Zhdanov. Chair of Radio Receiving Equipment. Gor'kiy, 1956.
- RUBTSOV, B. A. -- "Investigation of the Process and Mechanisms of Interweaving Threads on the Semiautomatic ShM-17." Min Higher Education USSR. Moscow Technological Inst of Light Industry imeni L. M. Kaganovich. Moscow, 1955.
- SAMOKHIN, A. A. -- "An Analysis of the Formation and Method of Calculation of the Elements of Spring River Floods in the Forest-Steppe and Steppe Zones of the European Portion of the USSR." Min Higher Education USSR. Leningrad Hydrometeorological Inst. Leningrad, 1956.
- SKUGOROVA, L. P. -- "Testing the Operating Properties of Borated Surfaces of the Cutting Edge for Drilling Petroleum Wells." Min Higher Education USSR. Moscow Order of Labor Red Banner Petroleum Inst imeni Academician I. M. Gubkin. Moscow, 1956.
- SOLYANOV, A. N. -- "Calculation of Compressed-Curved Poles in the Elastic and Elastic-Plastic Stages." Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Moscow, 1956.
- SPITSYN, Yu. G. -- "The Range of Application of the Column System in Working Inclined Black-Coal Seams in the Donets Basin." Min Higher Education USSR. Moscow Mining Inst imeni I. V. Stalin. Chair of the Working of Stratum Deposits. Moscow, 1956.
- STARIKOV, M. D. -- "Investigation of the Effect of the Vapor-Air Current in a Gas Generator on the Calorific Value of the Gas and on the Effectiveness of Operation of a Gas-Generator Tractor." Min Higher Education USSR. Moscow Inst of the Mechanization and Electrification of Agriculture imeni V. M. Molotov. Moscow, 1956.

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STARCHENKO, I. I. -- "A Drum Dryer in the Production of Flaky Hide Glue in the USSR (Design, Investigation, and Application)." Min Higher Education Ukrainian SSR. Khar'kov Polytechnic Inst imeni V. I. Lenin. Khar'kov, 1955.

STAKHOVSKIY, R. I. -- "Investigation of Errors in a Mass-Spectrometric Gas Analysor and a Method of Periodic Automatic Calibration." Acad Sci USSR. Inst of Automatics and Telemechanics. Moscow, 1956.

TAMKIVI, P. I. -- "Control of the Velocity of DC Electric Drive by Changing the Magnetic Current of Machinery in Stages." Min Higher Education USSR. Leningrad Electrical Engineering Inst imeni V. I. Ul'yanov (Lenin). Leningrad, 1956.

TRAVIN, O. V. -- "Investigation of the Kinetics of Desulphuration of Cast Iron Using Slag of the  $\text{CaO-Al}_2\text{O}_3\text{-SiO}_2$  System." Min Higher Education USSR. Moscow Order of Labor Red Banner Inst of Steel imeni I. V. Stalin. Moscow, 1956.

TRUN'KOV, I. I. -- "Geodetic Work in order to Dry Out Large Agricultural Areas." Min Higher Education USSR. Moscow Inst of Land Management. Moscow, 1956.

KHOLOPTSEV, V. V. -- "Investigation of Beams for Ship Construction with Openings in the Walls." Odessa Inst of Engineers of the Maritime Fleet. Odessa, 1955.

TSIN' SEN' -- "Improving the Technology of Smelting Technically Pure Iron in Open-Hearth Furnaces." Min Higher Education USSR. Moscow Order of Labor Red Banner Inst of Steel imeni I. V. Stalin. Moscow, 1956.

SHAMRAY, B. V. -- "An Analysis of the Operation of Two-Stage Differential Magnetic Amplifiers with Mixers in Static Operation, and a Method of Calculating Them." Leningrad Electrical Engineering Inst imeni V. I. Ul'yanov (Lenin). Leningrad, 1956.

SHOYKHET, S. I. -- "The Selection of a Rational Method of Measuring the Relative Content of Earth in the Material Handled by Dredging Scows for Reclamation and Hydraulic-Engineering Work." All-Union Academy of Agricultural Sciences imeni V. I. Lenin. All-Union Sci Res Inst of Hydraulic Engineering and Soil Improvement. Moscow, 1955.

#### AGRICULTURAL SCIENCES

##### For the Degree of Doctor in Sciences

IL'MENEV, S. I. -- "The Working of Sod-Podzolic Soil under Conditions of Grass-Field Crop Rotation." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1956.

##### For the Degree of Candidate in Sciences

ASKEROV, K. Z. -- "The Problem of Feeding Silkworms during Various Seasons of the Year." Min Higher Education USSR. Azerbaydzhani Agricultural Inst. Kirovabad, 1956.

BIZINA, G. S. -- "The Biological Characteristics of Potato Types under the Conditions of the Issyk-Kul' Basin." All-Union Order of Lenin Academy of Agricultural Sciences imeni V. I. Lenin. All-Union Inst of Plant Growing. Leningrad, 1956.

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- BRAKENGEYMER, R. P. -- "Aspects of the Agricultural Engineering of Low-land Vegetable Growing on the 'Bol'shevik' Sovkhoz, Moscow Oblast." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1956.
- VOYTOV, P. I. -- "The Agricultural-Engineering and Economic Effectiveness of Mechanized Cultivation of Carrots, Based on the Experience of Kolkhozes in the Moscow Suburban Zone." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1956.
- GAYEVOY, Ye. V. -- "The Structure and Variability of the Skin and Wool Covering of Goats, and the Commercial Qualities of Goatskins." Min Higher Education USSR. Moscow Veterinary Academy. Chair of the Commercial and Technical Aspects of Animal Raw Materials. Moscow, 1956.
- GOROKHOVA, L. N. -- "Procedures in the Application of Fertilizers to Edible Root Crops in Connection with Aspects of Feeding Them on the Sod-Podzolic Soils." Academy of Agricultural Sciences imeni V. I. Lenin. All-Union Sci Res Inst of Fertilization, Agricultural Engineering, and Soil Science. Moscow, 1956.
- GREBEN', Ye. K. -- "Ukrainian Steppe Spotted Pigs in the Southern Ukraine." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1956.
- IVANKOV, M. F. -- "Some Laws of the Ovulation, Fertilization, First Stages of Embryonic Development, and the Qualities of the Offspring of Cows, Depending on the Times and Methods of Mating." Min Higher Education USSR. Leningrad Agricultural Inst. Leningrad, 1956.
- ISAYEV, G. B. -- "Increasing the Meat Productivity of Cattle from the Lesser Caucasus and of Its Mixtures with Swiss Cattle in the Azerbaydzhan SSR." Min Higher Education USSR. Azerbaydzhan Agricultural Inst. Chair of Specific Animal Husbandry. Kirovabad, 1956.
- KOBTSEV, M. F. -- "Investigation of Fodder Regions of Various Types in Terms of Highly Productive Cows of the Alatau Breed." Min Higher Education USSR. Alma-Ata Zooveterinary Inst. Alma-Ata, 1956.
- MOROZ, V. K. -- "Rational Methods of Harvesting Cotton in the Arid Un-Irrigated Cotton-Growing Regions." Min Higher Education USSR. Azerbaydzhan Agricultural Inst. Kirovabad, 1956.
- PARAMONOVA, Z. R. -- "The Soils of the 'Borovlyans' Agricultural Experimentation Station, Institute of Socialist Agriculture, Acad Sci Belorussian SSR, and the Dynamics of Soil Formation and Their Fertility." Acad Sci Belorussian SSR. Inst of Socialist Agriculture. Minsk, 1956.
- POLIVTSEV, F. P. -- "The Theoretical Principles and Development of Measures to Combat the Western May Beetle (*Melolontha melolontha* L.) under the Conditions of Forest Fruit and Grape Farms in Moldavia." All-Union Order of Lenin Academy of Agricultural Sciences imeni V. I. Lenin. All-Union Sci Res Inst of Plant Conservation. Leningrad, 1956.
- SKOBLIN, A. P. -- "The Effectiveness of Organic and Mineral Fertilizers on Ordinary Chernozems in Growing Late Cabbage under Irrigation in the Ukrainian Steppe." Belorussian Order of Labor Red Banner Agricultural Academy. Gorki, 1956.



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SYASINA, G. N. -- "Physiological and Soil-Agrochemical Principles of Applying Various Doses of Lime to Clover." Academy of Agricultural Sciences imeni V. I. Lenin. All-Union Sci Res Inst of Fertilization, Agricultural Engineering, and Soil Science. Moscow, 1956.

SHAGINYAN, O. N. -- "Selection of Strawberry Types and Some Problems of Their Agricultural Engineering in the Lowland Suburban Zone of the City of Yerevan." Acad Sci Armenian SSR. Department of Biological Sciences. Yerevan, 1956.

SHALAMON, ISHTVAN -- "The Significance of the Effect of the Mother on the Quality of the Offspring of Fine-Wooled Rams under Investigation." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1956.

SHCHETKINA, A. G. -- "Methods of Growing and Evaluating the Selection Material of the First Stages of the Selection of Long-Stapled Flax." Acad Sci Belorussian SSR. Inst of Socialist Agriculture. Minsk, 1956.

#### VETERINARY SCIENCES

For the Degree of Candidate in Sciences

VARTANOV, A. A. -- "Some Epizootiological Aspects of Asiatic Bird Plague and the Comparative Effectiveness of Methods of Specific Prophylaxis." Min Higher Education USSR. Azerbaydzhan Agricultural Inst. Kirovabad, 1956.

KOCHMARSKIY, A. F. -- "A Comparative Evaluation of the Therapeutic Effect of Certain Antibiotics and Norsulfazol in Infectious Vaginitis and Balanitis of Cattle." Min Higher Education USSR. Khar'kov Veterinary Inst. Khar'kov, 1956.

NOSOV, I. I. -- "The Clinical Aspects, Etiology, and Therapeutic-Prophylactic Measures in Mass Infections of the Extremities of Sheep in Leningrad Oblast." Leningrad Sci Res Veterinary Inst. Min Agriculture RSFSR. Leningrad Veterinary Inst. Leningrad, 1956.

SAFRAZBEKYAN, V. M. -- "The Effect of hexachlorane on Certain Gastric Functions of the Dog and the Sheep." Min Higher Education USSR. Yerevan Zooveterinary Inst. Yerevan, 1955.

#### MEDICAL SCIENCES

For the Degree of Doctor in Sciences

BRODSKIY, B. S. -- "Magnetic Operations in Ocular Practice." Odessa State Medical Inst imeni N. I. Pirogov. Odessa, 1956.

BUL'BAKOV, K. S. -- "Material on the Problem of Cirrhosis of the Liver in Tuberculosis." First Moscow Order of Lenin Medical Inst imeni I. M. Sechenov. Moscow, 1956.

DMITRIYEV, A. A. -- "Clinical-Epidemiological Indexes of Infectious Pathology during the First and Second World Wars." Min Health RSFSR. Rostov State Medical Inst. Rostov na Donu, 1956.

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CHISTOVICH, G. N. -- "The Biological Characteristics of Staphylococci and Their Connection with the Living Conditions of These Microbes." Acad Med Sci. Inst of Experimental Medicine. Leningrad, 1955.

For the Degree of Candidate in Sciences

AGEYEV, V. A. -- "Fatal Injuries on the Lines of the Voronezh Railroad Hub of the Southwestern Railroad Line (1946-1953)." Voronezh State Medical Inst. Voronezh, 1956.

ANTELAVA, D. N. -- "Novocaine Blockade in Treating Iritis and Iridocyclitis." Min Health USSR. Central Inst for the Advanced Training of Physicians. Moscow, 1956.

BABAYAN, Z. V. -- "The Significance of Carbon Monoxide in the Iron Foundry Sections of Certain Leningrad Enterprises from the Point of View of Labor Hygiene." State Order of Lenin Inst for the Advanced Training of Physicians imeni S. M. Kirov. Chair of Occupational Diseases and Labor Hygiene. Leningrad, 1956.

BRONSHTEYN, R. I. -- "Changes in Intraocular Pressure (Elastonometric Data) under the Influence of White, Green, and Red Light in Healthy Persons and Glaucoma Patients." Acad Med Sci USSR. Moscow, 1955.

BUGAYEV, N. Ye. -- "Empyema as a Complication of Therapeutic Pneumothorax." L'vov State Medical Inst. L'vov, 1956.

VOLGIN, Yu. B. -- "The Significance of the 'Depot' Principle and of Various Methods of Administering Antigens for the Active Immunization against Tetanus." Acad Med Sci. Inst of Epidemiology and Microbiology imeni N. F. Gamaleya. Moscow, 1955.

DUDNIK, I. A. -- "Aspects of the Effects of Erythemic Doses of Ultraviolet Rays on the Growing Organism." Khar'kov Medical Inst. Khar'kov, 1956.

ZASLAVSKAYA, R. M. -- "Clinical-Experimental Material on the Study of Neurovascular Reactions in Patients with Disordered Venous Circulation." Min Health USSR. Central Inst for the Advanced Training of Physicians. Moscow, 1956.

KONTUASHVILI, B. Ya. -- "The State of Lymphadenoidal Tissue and of the Nervous Elements in the Pharyngeal Tonsils in Cases of Adenoidal Growths." Tashkent State Medical Inst imeni V. M. Molotov. Tashkent, 1956.

KORSH, L. Ye. -- "The Effectiveness of Measures for the Sanitary Protection of the Canal imeni Moscow Based on Data from Sanitary-Bacteriological Investigations." Inst of General and Communal Hygiene, Acad Med Sci USSR. Moscow, 1956.

KOCHEROVSKIY, Yu. E. -- "The Characteristics of Diphtheria Bacteria in the City of Tashkent." Tashkent State Medical Inst imeni V. M. Molotov. Tashkent, 1956.

MEL'NIKOV, P. P. -- "The Hemorrhagic Syndrome in Diphtheria and Scarlatina." Crimean State Medical Inst imeni I. V. Stalin. Stalino, 1956.

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- MEN'SHIKOVA, A. K. -- "The Bactericidal Properties of Hexylresorcinol and Its Application to Disinfection in Tuberculosis." Acad Med Sci USSR. Moscow, 1956.
- MITUSOV, A. D. -- "The Antigenic and Immunogenic Properties of Diphtheria Toxins and Anstoxins, Obtained in an Abomasum-Rumen Medium of Peptin-Tryptin Digestion." Min Health USSR. Tashkent Sci Res Inst of Vaccines and Sera. Tashkent State Medical Inst imeni V. M. Molotov. Tashkent, 1955.
- NESYN, I. N. -- "The Pathogenesis of Epidemic Goiter: Various Functional Changes in the Hypophysial-Thyroid Complex in Rabbits under the Influence of Acetonitrile." Min Health USSR. Omsk State Medical Inst imeni M. I. Kalinin. Novosibirsk, 1956.
- PARINOV, V. S. -- "Lever and Classical Methods of Applying Obstetrical Forceps." Min Health USSR. Central Inst for the Advanced Training of Physicians. Moscow, 1956.
- PIRADASHVILI, N. Z. ---"Functional Aspects of Blood Formation in Repeated Blood-Letting and Blood Transfusions Following Interference with the Visceral and Defense Reflexes." Published by the Georgian State Publishing House for Medical Literature. Tbilisi State Medical Inst. Tbilisi, 1956.
- ROGOVA, T. A. -- "The Physiological Basis for the Temperature Conditions for Premature Children." Khar'kov State Medical Inst. Khar'kov, 1956.
- RYABCHIKOVA, V. P. -- "The Significance of Bacillus sporogenes in Experimental Gas Infection." L'vov State Medical Inst. L'vov, 1956.
- SVETLICHNYY, V. A. -- "Material on the Clinical Aspects and Treatment of Non-Penetrating Skull Wounds (The Experience of the Great Patriotic War." Acad Med Sci USSR. Joint Council of the Group of Leningrad Institutes. Leningrad, 1955.
- SEVOST'YANOVA, G. A. -- "The Clinical-Physiological Characteristics of Certain Forms of Diencephalic Pathology (Clinical-Physiological Investigation)." Min Health USSR. Central Inst for the Advanced Training of Physicians. Moscow, 1956.
- SULEYMANOV, I. M. -- "Changes in the Physiological Development and State of Health of Students at the Artisan Schools in the City of Baku between 1947 and 1951." Tbilisi State Medical Inst. Baku, 1956.
- FATKHULLAYEV, I. -- "The Toxicology of Cadmium (The Effects of Cadmium on the Cardiovascular System)." Tashkent State Medical Inst imeni V. M. Molotov. Tashkent, 1955.
- TSYBYRNE, K. A. -- "The Problem of the Diagnosis and Treatment of Echinococcosis of the Lungs." Kishinev State Medical Inst, Chair of Faculty Surgery. Kishinev, 1956.
- CHADOVA, Ye. K. -- "The Antibacterial Properties of Certain Rusternary Ammonium Compounds." Inst of Epidemiology and Microbiology imeni Honorary Academician N. F. Gamaleys, Acad Med Sci USSR. Moscow, 1956.

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YASHINSKAS, P. K. -- "The Role of X-Ray Therapy in the Treatment of Cervical-Maxillary Actinomycosis." Min Health USSR. Central Inst for the Advanced Training of Physicians. Moscow, 1956.

#### PEDAGOGICAL SCIENCES

##### For the Degree of Candidate in Sciences

BARYBIN, K. S. -- "Methods of Symmetry and Homogeneity in Elementary Algebra." Academy of Pedagogical Sciences RSFSR. Sci Res Inst of Teaching Methods. Moscow, 1956.

VASIL'YEVA, Ye. I. -- "Decorative Drawing as a Means of Artistic Training of Pre-School Children." Moscow State Pedagogical Inst imeni V. I. Lenin. Moscow, 1956.

BERZINA, A. K. -- "Acquainting the Students in the First through Fourth Classes with Weather Phenomena." Academy of Pedagogical Sciences RSFSR. Sci Res Inst of Teaching Methods. Moscow, 1956.

KARMAN, G. K. -- "The Development of the General School in the Ukraine during the Fourth Five-Year Plan (1946-1950)." Min Education Ukrainian SSR. Kiev State Pedagogical Inst imeni A. M. Gor'kiy. Kiev, 1956.

MEL'NIKOVA, G. M. -- "The Concept and Mastery by Students in the Fifth Class of Cause- and -Effect Relationships among Historical Events." Moscow City Pedagogical Inst imeni V. P. Potemkin, Chair of Psychology. Moscow, 1956.

RUMYANTSEV, I. V. -- "A Demonstrative Experiment in Teaching the Kinematics and Laws of Dynamics of Forward Motion in the Intermediate School." Leningrad State Pedagogical Inst imeni A. I. Gertsen. Leningrad, 1954.

SOLOV'YEVA, L. A. -- "The Trade-Union Library of Leningrad during the First Five-Year Plan (1928-1932)." Leningrad State Library Inst imeni N. K. Krupskaya. Leningrad, 1956.

TUMANYAN, G. S. -- "The Armenian Sporting Combat." Armenian State Inst of Physical Culture. Yerevan, 1956.

#### ARCHITECTURAL SCIENCES

##### For the Degree of Doctor in Sciences

GDZELIDZE, D. V. -- "Experience in Planning and Building Four- and Five-Story Residence Buildings in the City of Tbilisi." Sci Res Inst of Residential Architecture, Academy of Architecture USSR. Moscow, 1956.

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